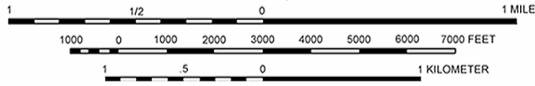


TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1956
 PHOTO-REVISED 1980

SCALE 1:24,000



MAP EXPLANATION

- Potentially Active Faults**
- C — Faults considered to have been active during Holocene time and to have a relatively high potential for surface rupture; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.
- Special Studies Zone Boundaries**
- — These are delineated as straight-line segments that connect encircled turning points so as to define special studies zone segments.
 - ○ — Seaward projection of zone boundary.

**STATE OF CALIFORNIA
 SPECIAL STUDIES ZONES**

Delineated in compliance with
 Chapter 7.5, Division 2 of the California Public Resources Code
 (Aquit-Prado Special Studies Zones Act)

**MONTARA MOUNTAIN
 REVISED OFFICIAL MAP**
 Effective: January 1, 1982

James F. Davis State Geologist

REFERENCES USED TO COMPILE FAULT DATA

- Montara Mountain Quadrangle
- Hall, K. T., 1961. Unpublished map of the San Andreas fault between San Andreas Lake and Lower Crystal Springs Reservoir (unpublished).
 - Lawson, A. C., et al., 1980. The California earthquake of April 18, 1906. Report of the State Earthquake Investigation Commission. Carnegie Institution of Washington Publication 87, 2 vols.
 - Leighton, F. Beach, and Associates, October 1971. Geologic report of Seal Cove-Moss Beach area; Consulting report for the County of San Mateo.
 - Papeayan, E. h., 1981. Geologic map of the Montara Mountain quadrangle, San Mateo County, California: U. S. Geological Survey Open-File Report 81-031, 14 p.
 - Smith, T. C., 1981a. Evidence of Holocene movement of the San Andreas fault zone, northern San Mateo County, California: California Division of Mines and Geology Open-File Report 81-6 SF, map sheet.
 - Smith, T. C., 1981b. San Andreas fault, northern San Mateo County area: California Division of Mines and Geology Fault Evaluation Report FER-120, with Supplement No. 1 (unpublished).
 - Weber, G. T., and Lajoie, K. R., 1980. Map of Quaternary faulting along the San Gregorio fault zone, San Mateo and Santa Cruz Counties, California: U. S. Geological Survey Open-File Report 80-907.
- For additional information on faults in this map area, the rationale used for zoning, and additional references consulted, refer to unpublished Fault Evaluation Reports on file at the San Francisco District Office of CDMG.

IMPORTANT - PLEASE NOTE

- 1) This map may not show all faults that have the potential for surface fault rupture, either within the special studies zones or outside their boundaries.
- 2) Faults shown are the basis for establishing the boundaries of the special studies zones.
- 3) The identification and location of these faults are based on the best available data. However, the quality of data used is varied. Traces have been drawn as accurately as possible at this map scale.
- 4) Fault information on this map is not sufficient to serve as a substitute for the geologic site investigations (special studies) required under Chapter 7.5 of Division 2 of the California Public Resources Code.